



Ms. Preksha Lad,

Teaching Assistant,
Microbiology Lab,
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Education

M.Sc. Biotechnology (2023) – GSFC University – **8.00 CGPA**

B.Sc. Biotechnology (2021) – GSFC University – **7.5 CGPA**

Key Skills

Ms. Preksha Lad possesses a strong foundation in molecular biology and recombinant DNA techniques, proficient in DNA isolation, SDS-PAGE, restriction digestion, PCR, agarose gel electrophoresis, and western blotting.

Her experience extends to microbial techniques like spreading, pouring, streaking, Gram's staining, and biochemical assays.

Work Experience

Ms. Preksha Lad has worked at SPARC (Sun Pharma Advanced Research Company) from February 1st, 2023, to June 29th, 2023. During this internship, she tackled the challenging task of cloning and expressing an Albumin-Based Fusion Protein in the *Pichia pastoris* Expression System.

Prior to that, she gained valuable experience in various industry settings. In the summer of 2022 (from August 16th to September 3rd), she interned at GSFC (Gujarat State Fertilizers and Chemicals) Ltd., where she focused on water sample analysis from their cooling towers.

Earlier that same year, Ms. Preksha Lad returned to GSFC for an internship between April 4th and April 30th, 2022. There, she worked in the Liquid Biofertilizers Lab and conducted soil and water analysis.

Ms. Preksha Lad has also worked at Bills Biotech from December 21st, 2019, to January 20th, 2020. During this internship, she gained exposure to both upstream and downstream fermentation processes.

Workshops Attended

Ms. Preksha Lad has a demonstrated interest in furthering her knowledge in the field of biotechnology. She has attended two workshops to broaden her skillset.

On November 14th and 15th, 2022, she participated in a National Level Workshop on "Informatics in Drug Resistance" organized by GSFC University and supported by GSBTM and DST, Gujarat.

Earlier, between October 21st and 23rd, 2021, Ms. Lad attended a hands-on workshop on Genomics and Proteomics Techniques organized by RK University, Rajkot, with the support of GSBTM, DST, and CSIR, Gujarat.